

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA04MA068		Aircraft Registration Number: N586P	
		Occurrence Date: 08/13/2004		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Florence		State KY	Zip Code	Local Time 0049	Time Zone CDT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 2		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Convair Div. of Gen. Dynamics		Model/Series CV-340 (580)		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On August 13, 2004, about 0049 eastern daylight time, Air Tahoma, Inc., flight 185, a Convair 580, N586P, crashed about 1 mile south of Cincinnati/Northern Kentucky International Airport (CVG), Covington, Kentucky, while on approach to runway 36R. The first officer was killed, and the captain received minor injuries. The airplane was destroyed by impact forces. The flight was operating under the provisions of 14 Code of Federal Regulations Part 121 as a cargo flight for DHL Express from Memphis International Airport, Memphis, Tennessee, to CVG. Visual meteorological conditions prevailed for the flight, which operated on an instrument flight rules flight plan.</p> <p>The public docket for this investigation may be obtained through the NTSB Records Management Division. The public docket contains factual information and reports such as Operations, Air Traffic Control, Airworthiness, Powerplants, Maintenance Records, Flight Data Recorder and Cockpit Voice Recorder.</p>					
FACTUAL REPORT - AVIATION					

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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
CINCINNATI/NORTHERN KENTUCKY I	CVG	896 Ft. MSL	36R	10000	150
Runway Surface Type: Concrete					
Runway Surface Condition: Dry					
Type Instrument Approach: Visual					
VFR Approach/Landing: None					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
Convair Div. of Gen. Dynamics		CV-340 (580)		68	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	54600 LBS	Number of Engines: 2	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Turbo Prop	Rolls-Royce	501-D13	3750 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Continuous Airworthiness	07/2004	Hours	67948.9 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
N580, Inc		City		State	Zip Code
		Spanaway		WA	
Operator of Aircraft		Street Address			
AIR TAHOMA INC		City		State	Zip Code
		Columbus		OH	
Operator Does Business As:			Operator Designator Code: I5HA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Flag Carrier/Domestic; Supplemental					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Non-scheduled; Domestic; Cargo					

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First Pilot Information

Name On File	City	State	Date of Birth On File	Age 49
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Sex: M	Seat Occupied: Left	Principal Profession: Occupational Pilot	Certificate Number:
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Certificate(s): Airline Transport; Flight Engineer; Foreign; Private

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft?	Current Biennial Flight Review? 07/2004
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Medical Cert.: Class 1	Medical Cert. Status: With Waivers/Limitations	Date of Last Medical Exam: 04/2004
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	2500	1337								
Pilot In Command(PIC)		88								
Instructor										
Last 90 Days	32									
Last 30 Days	28									
Last 24 Hours	2									

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? Yes	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: IFR

Departure Point Memphis	State TN	Airport Identifier MEM	Departure Time	Time Zone
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Destination Same as Accident/Incident Location	State	Airport Identifier CVG	
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Type of Clearance: IFR

Type of Airspace:

Weather Information

Source of Briefing: Commercial Weather Service

Method of Briefing:

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Weather Information

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	0050		Ft. MSL	NM	Deg. Mag.

Sky/Lowest Cloud Condition:	Ft. AGL	Condition of Light:
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Lowest Ceiling: Overcast	7500 Ft. AGL	Visibility: 10	SM	Altimeter: 30.02	"Hg
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Temperature: 13 °C	Dew Point: 11 °C	Wind Direction:	Density Altitude: Ft.
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Wind Speed:	Gusts:	Weather Conditions at Accident Site: Visual Conditions
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Visibility (RVR): Ft.	Visibility (RVV) SM	Intensity of Precipitation:
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Restrictions to Visibility: No Obscuration; No Precipitation

Type of Precipitation:

Accident Information

Aircraft Damage: Destroyed	Aircraft Fire: None	Aircraft Explosion: None
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Classification:

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot		1			1
Second Pilot	1				1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -	1	1			2
Other Ground	0	0	0		0
- GRAND TOTAL -	1	1	0		2

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Administrative Information

Investigator-In-Charge (IIC)

Joseph M. Sedor

Additional Persons Participating in This Accident/Incident Investigation:

Tony James
AAI-100, Washington, DC

Brian Mathis
Air Tahoma

Matt Palmberg
Kelowna Flightcraft LTD.

Rick Thorpe
Rolls-Royce Corporation

David McNair
Transportation Safety Board of Canada